Lanza Radar LTR-20

Medium Range Tactical Radar

The LANZA LTR-20 radar belongs to the family of long-range sensors developed by Indra. It corresponds to the third generation of solid-state, electronic scanning radars aimed at covering modern-day air defence needs.

It's the member of the LANZA family with the best mobility features and a selectable range that allows it to operate from gap filler (range of 60NM, rotation speed 12/15 rpm) to long-range radar (up to 200 NM, rotation speed of 4/5 rpm).

Mission: Air Defence (Medium range up to Gap-filling coverage) and Air Policy (illegal traffic interception)

200 NM / 120 NM / 60 NM instrumented range

NATO Compatible

Tactical. Deployable in less than 2 hours

Refresh rate from 4 to 15 rpm

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It is especially designed to form part of a multi-radar network, allowing operation via local or remote control.

The LANZA LTR-20 incorporates the latest technologies to counteract natural interference or interference caused by countermeasure elements and to achieve a high target detection capacity.

It can be supplied as a stationary (suited to install on a fixed site with or without radome) or transportable configuration, with both having the same benefits.

The main feature of this new radar is polyvalence and flexibility, based on a modular, repetitive and redundant design that guarantees easy maintenance and a minimum number of spare parts.

- L Band Radar.
- Planar Array Antenna and Distributed Solid State Transmitter.
- Long and Medium Range 3D Coverage.
- Pencil Beam Scaning Technique.
- Dual Frequency Diversity.
- Highly-reliable modular architecture.
- Digital Signal and Data Processing.
- Anti-clutter Capacities.
- Electronic Protective Measures (ECCM, EPM).
- Automatic Calibration.
- Automatic Fault Detection and Isolation (BITE).
- Simplified & "User-Friendly" Operational Control.

indracompany.com

Avda. de Bruselas, 35
28108 Alcobendas
Madrid, Spain

T +34 91 627 10 00
infodefence@indracompany.com

indra